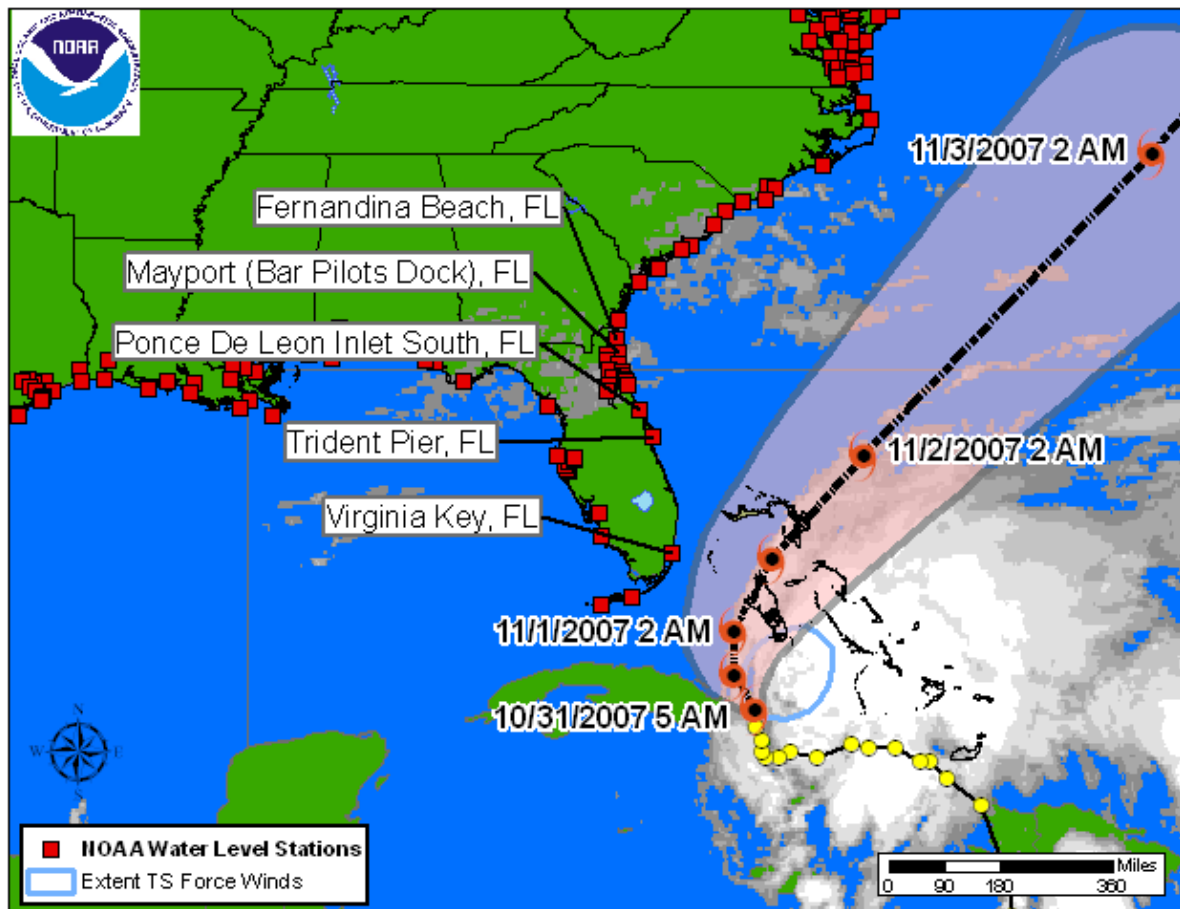




Tropical Storm NOEL QUICKLOOK
Posted: 05:30 EDT 10/31/2007

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

Water levels along the eastern coast of Florida are elevated due to high winds produced by the interaction of Tropical Storm NOEL with a high pressure system across the southeastern U.S.

Water level and meteorological plots available below are updated automatically. Water level observations on **Mean Lower Low Water** as of 10/31/2007 05:30 EDT are:

Virginia Key, FL ~ 0.78 ft (0.24 m) above predicted. Next High tide Wed 10/31/2007 at 14:13 EDT ~ 2.60 ft (0.79 m).

Trident Pier, FL ~ 1.38 ft (0.42 m) above predicted. Next High tide Wed 10/31/2007 at 12:47 EDT ~ 4.60 ft (1.40 m).

Ponce De Leon Inlet South, FL ~ 1.85 ft (0.56 m) above predicted. Next High tide Wed 10/31/2007 at 13:34 EDT

~3.40 ft (1.04 m).

Mayport (Bar Pilots Dock), FL ~ 1.41 ft (0.43 m) above predicted. Next High tide Wed 10/31/2007 at 13:46 EDT ~ 5.60 ft (1.71 m).

Fernandina Beach, FL ~ 2.14 ft (0.65 m) above predicted. Next High tide Wed 10/31/2007 at 13:53 EDT ~ 6.90 ft (2.10 m).

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

...NOEL NOW MOVING NORTH-NORTHWESTWARD ...APPROACHING THE NORTHERN COAST OF CUBA...

INTERESTS IN SOUTHERN FLORIDA SHOULD MONITOR THE PROGRESS OF NOEL.

AT 500 AM EDT...0900Z...THE CENTER OF TROPICAL STORM NOEL WAS LOCATED NEAR LATITUDE 22.1 NORTH...LONGITUDE 78.2 WEST OR ABOUT 50 MILES...85 KM...NORTH-NORTHWEST OF CAMAGUEY CUBA AND ABOUT 205 MILES...335 KM...SOUTH-SOUTHWEST OF NASSAU.

NOEL IS MOVING TOWARD THE NORTH-NORTHWEST NEAR 7 MPH...11 KM/HR. A GRADUAL TURN TOWARD THE NORTH IS EXPECTED DURING THE NEXT 24 HOURS. THIS MOTION SHOULD BRING THE CENTER OF NOEL OFF THE NORTHERN COAST OF CUBA TODAY AND NEAR THE NORTHWESTERN BAHAMAS TONIGHT.

MAXIMUM SUSTAINED WINDS ARE NEAR 40 MPH...65 KM/HR...WITH HIGHER GUSTS. SOME STRENGTHENING IS FORECAST DURING THE NEXT 24 HOURS AFTER THE CENTER EMERGES OVER WATER.

TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 175 MILES...280 KM FROM THE CENTER. GUANTANAMO BAY CUBA RECENTLY REPORTED A WIND GUST OF 43 MPH...69 KM/HR.

ESTIMATED MINIMUM CENTRAL PRESSURE IS 1000 MB...29.53 INCHES. CAYO COCO CUBA RECENTLY REPORTED A PRESSURE OF 1001 MB...29.56 INCHES.

ABOVE NORMAL TIDES ARE LIKELY WITHIN THE WARNING AREAS.

For additional data and more information on the Storm QuickLook product, please visit www.tidesandcurrents.noaa.gov.

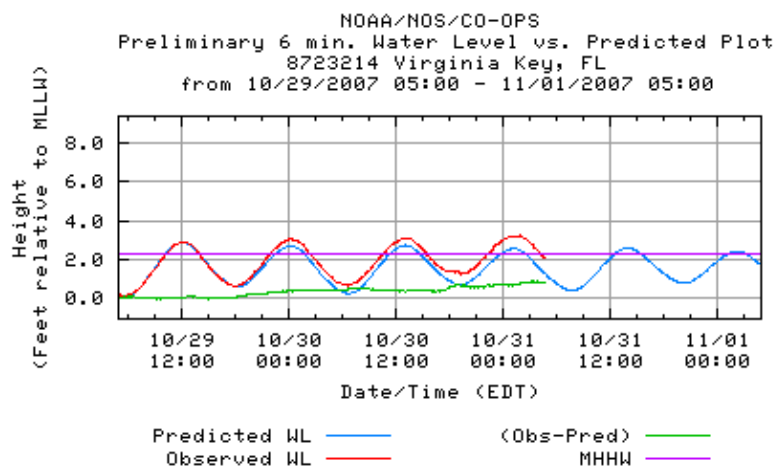
Water Level Analyst:PFF

Tropical Storm NOEL QUICKLOOK, POSTED 05:30 EDT 10/31/2007

For the purpose of timely release, data contained within this QUICKLOOK have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Virginia Key - Water Level](#), [Virginia Key - Winds](#), [Trident Pier - Water Level](#), [Trident Pier - Winds](#), [Trident Pier - Barometric](#), [Ponce De Leon Inlet South - Water Level](#), [Mayport \(Bar Pilots Dock\) - Water Level](#), [Mayport \(Bar Pilots Dock\) - Barometric](#), [Fernandina Beach - Water Level](#), [Fernandina Beach - Barometric](#),

Virginia Key, FL - Station Map [Return to List](#)

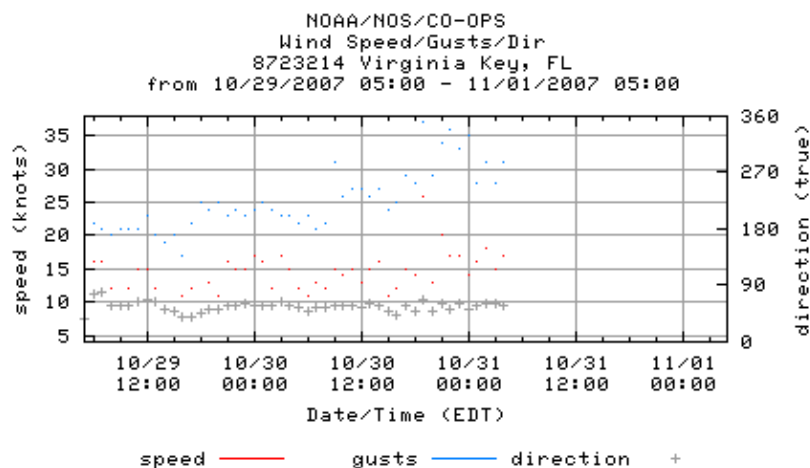


Last Observed Sample: 10/31/2007 04:42 (EDT)

Relative to **MLLW**: **Observed: 2.06 ft. Predicted: 1.28 ft. Residual: 0.78 ft.**

Historical Maximum Water Level: 11/15/1994, 1.9 ft. above **MHHW**

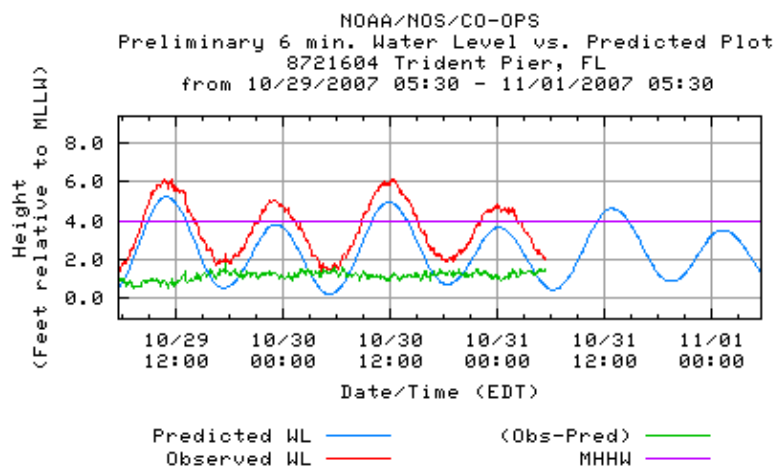
Virginia Key, FL - Station Map [Return to List](#)



Last Observed Sample: 10/31/2007 04:00 (EDT)

Wind Speed: 17 knots Gusts: 31 knots Direction: 058° T

Trident Pier, FL - Station Map [Return to List](#)

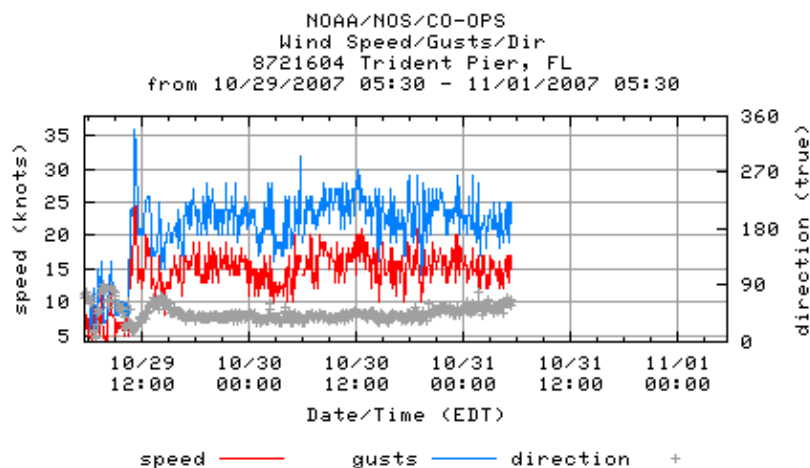


Last Observed Sample: 10/31/2007 05:18 (EDT)

Relative to **MLLW**: **Observed: 2.02 ft.** **Predicted: 0.59 ft.** **Residual: 1.43 ft.**

Historical Maximum Water Level: 09/16/2001, 2.28 ft. above **MHHW**

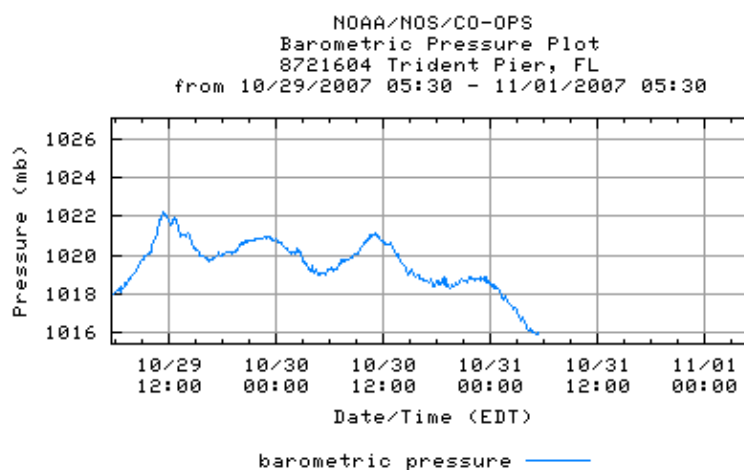
Trident Pier, FL - Station Map [Return to List](#)



Last Observed Sample: 10/31/2007 05:18 (EDT)

Wind Speed: 17 knots **Gusts: 25 knots** **Direction: 057° T**

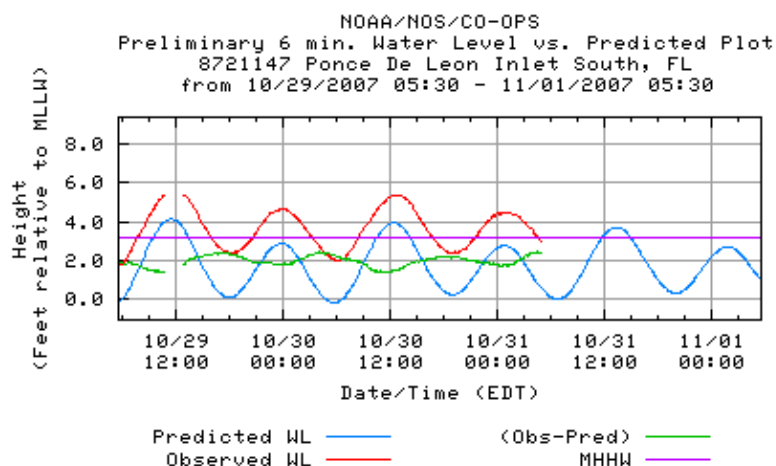
Trident Pier, FL - Station Map [Return to List](#)



Last Observed Sample: 10/31/2007 05:18 (EDT)

Barometric Pressure: 1016.0 mb

Ponce De Leon Inlet South, FL - Station Map [Return to List](#)

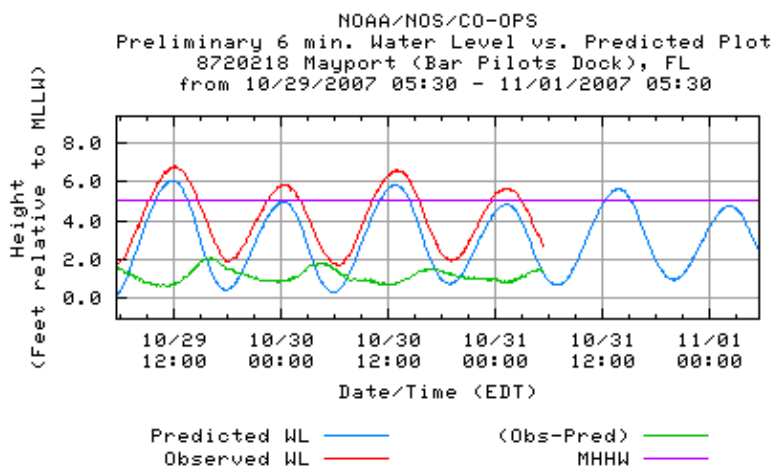


Last Observed Sample: 10/31/2007 04:54 (EDT)

Relative to **MLLW**: **Observed: 2.94 ft.** **Predicted: 0.53 ft.** **Residual: 2.41 ft.**

Historical Maximum Water Level: 11/03/1978, 1.67 ft. above **MHHW**

Mayport (Bar Pilots Dock), FL - Station Map [Return to List](#)

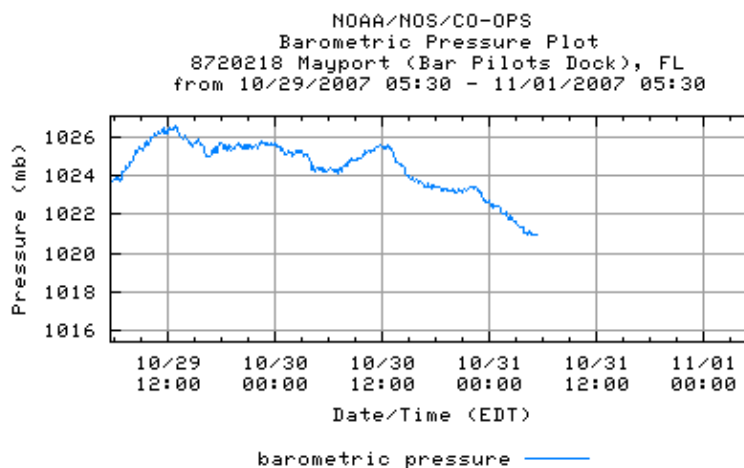


Last Observed Sample: 10/31/2007 05:18 (EDT)

Relative to **MLLW**: **Observed: 2.69 ft. Predicted: 1.29 ft. Residual: 1.40 ft.**

Historical Maximum Water Level: 09/17/2001, 2.15 ft. above **MHHW**

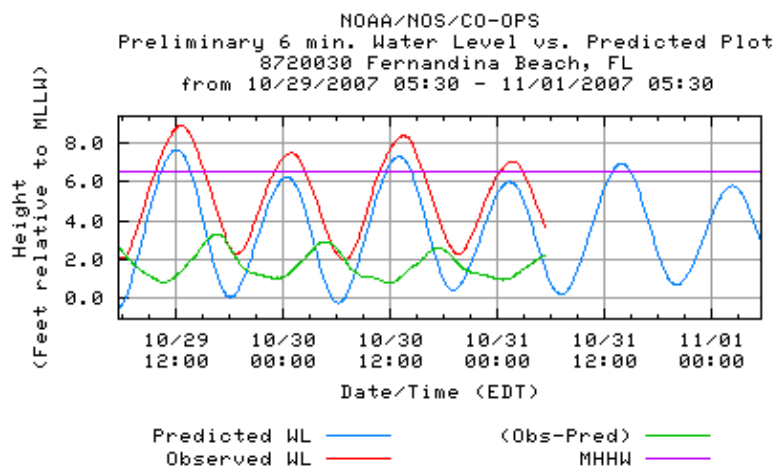
Mayport (Bar Pilots Dock), FL - Station Map [Return to List](#)



Last Observed Sample: 10/31/2007 05:18 (EDT)

Barometric Pressure: 1021.0 mb

Fernandina Beach, FL - Station Map [Return to List](#)

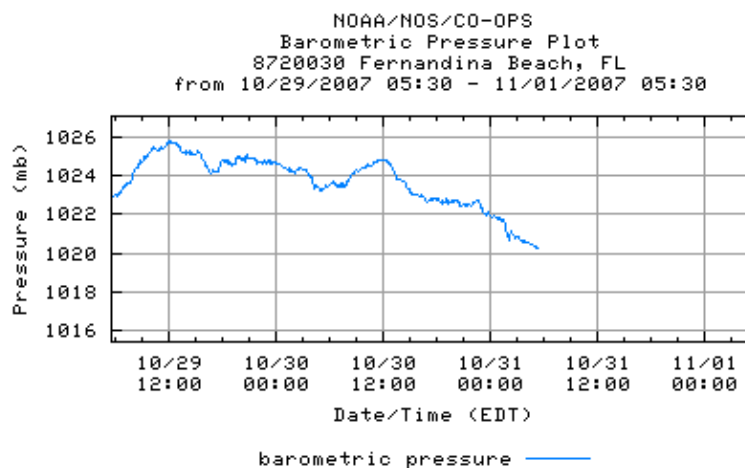


Last Observed Sample: 10/31/2007 05:18 (EDT)

Relative to **MLLW**: **Observed: 3.65 ft. Predicted: 1.48 ft. Residual: 2.17 ft.**

Historical Maximum Water Level: 10/02/1898, 6.94 ft. above **MHHW**

Fernandina Beach, FL - Station Map [Return to List](#)



Last Observed Sample: 10/31/2007 05:18 (EDT)

Barometric Pressure: 1020.3 mb

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Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce